42"-65"
USER MANUAL

Models: 42.S2, 47.S2, 55.S2, 65.S2

Vanishing Television Mirror

SÉURA®

www.seura.com

Warnings

WARNINGS

A warning that an apparatus with class I construction shall be connected to a MAINS socket outlet with a protective earthing connection

Un avertissement qu'un appareil de construction de CLASSE I doit être connecte à un socle du réseau d'alimentation muni d'une connexion à la terre de protection.

WARNING

To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

ATTENTION

Pour éviter tout accident, cet appareil doit être fixe de façon sure au sol ou au mur conformément aux instructions d'installation.

Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable;

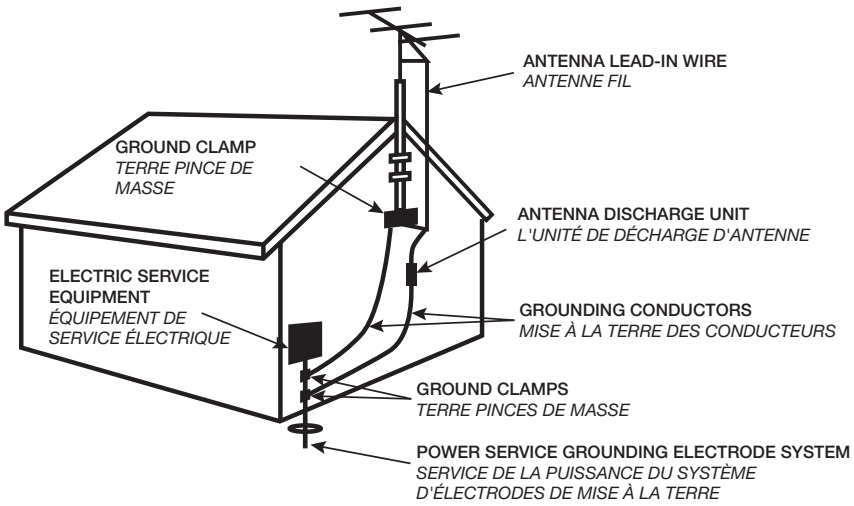
Lorsque la prise du RESEAU D'ALIMENTATION ou une prise placée sur l'appareil est utilisée comme dispositif de déconnexion, ce dispositif doit demeure aisément accessible;

Important Safety Precautions

If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Si une antenne extérieure est reliée à l'équipement de télévision, s'assurer que le système d'antenne est mis à la terre de façon à fournir une protection contre les surtensions et les charges statiques accumulées. L'article 810 du Code national de l'électricité fournit de l'information par rapport à la terre correcte du mât et du support, mise à la terre du fil conducteur à une unité de décharge d'antenne, la taille des conducteurs de mise à la terre, l'emplacement du dispositif de décharge d'antenne, la connexion aux électrodes de mise à la terre, et les exigences concernant les électrodes de mise à la terre.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE
EXEMPLE D'ANTENNE À LA TERRE COMME LE NATIONAL ELECTRICAL CODE


ANTENNA LEAD-IN WIRE
ANTENNE FIL
GROUND CLAMP
TERRE PINCE DE MASSE
ANTENNA DISCHARGE UNIT
L'UNITÉ DE DÉCHARGE D'ANTENNE
ELECTRIC SERVICE EQUIPMENT
ÉQUIPEMENT DE SERVICE ÉLECTRIQUE
GROUNDING CONDUCTORS
MISE À LA TERRE DES CONDUCTEURS
GROUND CLAMPS
TERRE PINCES DE MASSE
POWER SERVICE GROUNDING ELECTRODE SYSTEM
SERVICE DE LA PUISSANCE DU SYSTÈME D'ÉLECTRODES DE MISE À LA TERRE

NEC - NATIONAL ELECTRICAL CODE

The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Le mode d'emploi doit stipuler que l'appareil ne doit pas être expose à des égouttements d'eau ou des éclaboussures et de plus qu'aucun objet rempli de liquide tel que des vases ne doit être place sur l'appareil.

To reduce the risk of fire or electric shock, do not expose the inside of this apparatus to rain or moisture. The inside of this apparatus shall not be exposed to dripping or splashing.

Pour réduire le risque d'incendie ou de choc électrique, ne pas exposer l'intérieur de cet appareil à la pluie ou à l'humidité. L'intérieur de cet appareil ne doit pas être exposé à des gouttes ou des éclaboussures.

Important Safety Instructions

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with a dry cloth.

7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use the attachments/accessories specified by the manufacturer.

Consignes de sécurité importantes

1) Lisez ces instructions.

2) Conservez ces instructions.

3) Respectez tous les avertissements.

4) Suivez toutes les instructions.

5) Ne pas utiliser cet appareil près de l'eau.

6) Nettoyez uniquement avec un chiffon sec.

7) Ne pas bloquer les ouvertures de ventilation . Installer conformément aux instructions du fabricant.

8) Ne pas installer près de sources de chaleur telles que des radiateurs , registres de chaleur , poêles ou autres appareils (incluant les amplificateurs) qui produisent de la chaleur.

9) Ne pas contourner le dispositif de sécurité de la fiche polarisée ou mise à la terre . Une fiche polarisée possède deux lames dont une plus large que l'autre . Une fiche de terre a deux lames et une troisième broche de mise à la terre . La lame large ou la troisième broche sont fournies pour votre sécurité . Si la fiche fournie ne rentre pas dans votre prise, consultez un électricien pour remplacer la prise obsolète.

10) Protégez le cordon d'alimentation ne soit piétiné ou pincé, en particulier au niveau des fiches , des prises de courant , et le point de sortie de l'appareil.

11) Utilisez uniquement les fixations / accessoires spécifiés par le fabricant.

Warnings

Please keep this manual for future reference.

Information in this manual is subject to change without prior notice.

FCC Information

This equipment has been tested and found to comply with limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

There is no guarantee that interference will not occur in a particular installation. If this equipment causes unacceptable interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced Radio/TV technician for additional help.

WARNINGS

To reduce the risk of fire, electrical shock and other injuries, keep these safety precautions in mind when installing, using, and maintaining your Television Mirror. The socket-outlet should be installed near the equipment and be easily accessible. The TV should be connected to a grounded GFCI protected main socket outlet.

WARNING: If you manipulate against the recommended usage, serious injury or death to user may result.

To protect against electric shock, do not immerse the power cord, power plug, or product in water or other liquid.

Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.

Close adult supervision is necessary when any product is used by or near children.

Do not operate any product with a damaged cord or plug or operate it after the appliance malfunctions or has been damaged in any manner.

Do not use the product close to any heat sources such as radiators, heat registers, stoves, or other products that produce heat.

Do not let the power cord come in contact with hot surfaces.

If you notice any smoke or scorched smell near the product, unplug power cord and refer to qualified personnel for service and/or repair.

Do not use or place any combustible or flammable substances near the product.

To electrically disconnect the product, turn OFF the product, then remove the electrical power plug from the outlet.

Do not place heavy articles on or step on the product.

Do not place the product on an unstable cart, stand, tripod or table.

Do not use this product for other than intended use.

This Séura product is intended for use indoors.

For added safety during a lighting storm, or when this product is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna.

Specifications of this product are subject to unannounced changes; this manual may thus not reflect the current technical status.

Avertissements

S'il vous plaît garder ce manuel pour référence future.

Les informations contenues dans ce manuel sont sujettes à modification sans préavis.

Informations de la FCC

Cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique de classe B , conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle.

Cet équipement génère , utilise et rayonne de l'énergie radiofréquence et , s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio.

Il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement provoque des interférences inacceptables pour la radio et la télévision, ce qui peut être déterminé en mettant l'équipement hors tension, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes.

- *Réorienter ou déplacer l'antenne de réception.*
- *Augmenter la distance entre l'équipement et le récepteur.*
- *Connecter l'équipement à une sortie sur un circuit différent de celui sur lequel le récepteur est branché.*

Consulter le revendeur ou un technicien radio / TV expérimenté pour de l'aide supplémentaire.

AVERTISSEMENTS

Pour réduire le risque d'incendie, de choc électrique et d'autres blessures, garder ces consignes de sécurité à l'esprit lors de l'installation, l'utilisation et l'entretien de votre télévision en plein air. La prise de courant doit être installée près de l'équipement et être facilement accessible. Le téléviseur doit être relié à une prise de courant avec terre protégé par disjoncteur différentiel.

Attention: Si vous manipulez contre l'utilisation recommandée, des blessures graves ou la mort à l'utilisateur peuvent en résulter.

Pour protéger contre les chocs électriques , ne pas immerger le cordon d'alimentation , cordon d'alimentation , ou un produit dans l'eau ou tout autre liquide.

Ne surchargez pas les prises de courant ou les rallonges. Une surcharge peut causer un incendie ou un choc électrique.

Surveillance d'un adulte est nécessaire lorsque tout appareil est utilisé par ou près des enfants.

Ne pas utiliser un produit avec un cordon ou une fiche détériorés fonctionner après un mauvais fonctionnement de l'appareil ou a été endommagé d'une manière quelconque.

Ne pas utiliser le produit à proximité de sources de chaleur telles que des radiateurs , registres de chaleur , poêles ou autres produits qui produisent de la chaleur.

Ne laissez pas le cordon d'alimentation entrer en contact avec des surfaces chaudes.

Si vous remarquez de la fumée ou une odeur brûlée près du produit , débranchez le cordon d'alimentation et de vous référer à un personnel qualifié pour l'entretien et / ou réparation.

Ne pas utiliser ou placer des matières combustibles ou inflammables à proximité du produit.

Pour débrancher électriquement le produit , éteignez le produit , puis retirez la fiche d'alimentation électrique de la prise.

Ne placez pas lourds articles ou étape sur le produit.

Ne pas placer le produit sur un chariot, un support, un trépied ou une table.

Ne pas utiliser ce produit pour d'autres fins que celles prévues.

Ce produit seura est destiné à un usage intérieur.

Pour plus de sécurité lors d'une tempête d'éclairage , ou quand le produit est laissé sans surveillance et inutilisé pendant de longues périodes de temps , débranchez-le de la prise murale et déconnectez l'antenne.

Spécifications de ce produit sont sujettes à modifications sans préavis; ce manuel ne peut donc pas tenir compte de l'état de la technique actuelle.

Warnings

WARNING: READ ALL INSTRUCTIONS BEFORE ATTEMPTING TO INSTALL OR SERVICE THIS PRODUCT.

When installing and during use of this product, basic safety precautions should always be followed to reduce the risk of fire, electric shock and/or injury to persons including the following:

- Inspect the desired location for installation and be aware of all electrical wiring pathways, water pipes, gas lines, or other potentially hazardous conditions that may exist to protect from accidental damage during creation of on-site conditions.
- Ensure all required electrical specifications are adhered to and have been installed by the appropriate individuals and are code approved.
- Ensure all framing requirements, if needed, have been completed to building code and pose no structural issues.
- Only qualified individuals should attempt to service the product. Removing covers can expose you to high voltage and other dangerous conditions.
- To protect against electric shock, do not immerse the power cord, power plug, or product in water or other liquid.
- Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
- Close adult supervision is necessary when any product is used by or near children.
- Do not operate any product with a damaged cord or plug or operate it after the appliance malfunctions or has been damaged in any manner.
- Do not let the power cord come in contact with hot surfaces.
- To electrically disconnect the product, turn OFF the product, then remove the electrical power plug from the outlet.
- Do not use this product for other than intended use.
- This Séura product is intended for use indoors.
- Retain this manual in a safe place for future reference.

Warnings:

Do not handle or remove your Television Mirror from the packaging until it is ready to be installed.

To avoid damage to the Television Mirror, only transport it in a vertical position.

It is highly recommended that at least two (2) persons assist in the installation of the Television Mirror.

Avertissements

AVERTISSEMENT: LIRE TOUTES LES INSTRUCTIONS AVANT D'INSTALLER OU SERVICE CE PRODUIT.

Lors de l'installation et pendant l'utilisation de ce produit , les précautions de sécurité de base doivent toujours être suivies pour réduire le risque d'incendie , de choc électrique et / ou de blessures, notamment les suivantes :

• Inspecter l'emplacement souhaité pour l'installation et être conscient de toutes les voies de câblage électrique , les canalisations d'eau , conduites de gaz , ou d'autres conditions potentiellement dangereuses qui peuvent exister pour protéger contre les dommages accidentels lors de la création des conditions sur place.

• S'assurer que toutes les spécifications électriques requises sont respectées et ont été installés par les personnes appropriées et sont le code approuvé.

• S'assurer que toutes les exigences d'encadrement , si nécessaire , ont été achevés au code du bâtiment et ne posent pas de problèmes structurels.

• Seules les personnes qualifiées doivent tenter de réparer le produit. Le retrait des capots peut vous exposer à de hautes tensions et d'autres situations dangereuses.

• Pour protéger contre les chocs électriques , ne pas immerger le cordon d'alimentation , cordon d'alimentation , ou un produit dans l'eau ou tout autre liquide.

• Ne surchargez pas les prises de courant ou les rallonges. Une surcharge peut causer un incendie ou un choc électrique.

• Fermer surveillance d'un adulte est nécessaire lorsque tout appareil est utilisé par ou près des enfants.

• Ne pas utiliser un produit avec un cordon ou une fiche détériorés fonctionner après un mauvais fonctionnement de l'appareil ou a été endommagé d'une manière quelconque.

• Ne laissez pas le cordon d'alimentation entrer en contact avec des surfaces chaudes.

• Pour débrancher électriquement le produit , éteignez le produit , puis retirez la fiche d'alimentation électrique de la prise.

• Ne pas utiliser ce produit pour d'autres fins que celles prévues.

• Ce produit Séura est destiné à un usage intérieur.

• Conservez ce manuel dans un endroit sûr pour référence ultérieure.

Avertissements:

Ne pas manipuler ou supprimer votre Téléviseur Miroir de l'emballage jusqu'à ce qu'il soit prêt à être installé.

Pour éviter d'endommager la télévision en plein air, seul le transporter dans une position verticale.

Il est fortement recommandé qu'au moins deux (2) personnes aident à l'installation de la télévision en plein air.

Contents

SETUP AND INSTALLATION

Before Installation 9
Lighting and Performance 10
Installation Instructions 11
Care and Maintenance 11
Setup 12
    Input/Output Overview 12
    Remote Control Functions 12
Making Connections 13

MENUS AND SETTINGS

On Screen Display Menu (OSD) 14
Input Source Selection 14
Channel Settings 14
Picture Settings 15
Audio Settings 15
Setup Menu 16
Parental Menu 17

INTEGRATION AND CONTROL

RS-232 Settings and Command Table 18-19
IR Commands 20

TROUBLESHOOTING AND TECHNICAL DETAILS

Troubleshooting 21
Technical Features 21
Ports and Media Support 22
    Ports 22
    Special Features 22
    USB Media Support 22
Warranty 23

Operation and Storage Requirements

Do not install the device in the proximity of heat sources, such as heating pipes, heaters, furnaces or other devices that radiate heat. Mount the device in such a way that it is protected against moisture. Trouble free operation is ensured up to 75% air humidity. To prevent fire or electric shock, never allow liquids to enter the unit. The uninstalled product must be stored in dry and well-ventilated rooms, without extreme temperature fluctuations. Heat sources and aggressive active substances may not be stored in the proximity of the device. The required storage temperature is 32° F - 140° F at an air humidity of 5 - 85% RH non-condensing. The device must be stored in the complete packaging, as delivered.

Installation

Have this product installed by qualified personnel only. Use the mounting systems which are specified or recommended by Séura. Install the product in a way that it is fixed properly and take care that children are not exposed to danger. Please take extra care during installation, avoid impacts. Before cabling your monitor, check that the power is off. To avoid any possibility of electric shock, always connect your equipment to properly grounded outlets. Use of power cords or adapters other than those provided may cause fire or malfunction. Place this product as close to the power socket as possible. Leave enough space to insert and remove the power plug on demand. Even if you switch off the product with your remote control, power is not cut off unless the power cord is unplugged or the power switch is in the off position.

The device may only be operated with the provided power adapter. The rated voltage is indicated on the product label. The device is factory-set to the optimal operating voltage (see Technical Specification). Use only power cords and plugs that are suitable for your local electrical outlets. Install the power cord in such a way that it does not obstruct anyone. Ensure furthermore that the cable is not clamped and that it cannot be pulled out accidentally from the power adapter. Do not install the power cords in the proximity of heating elements and never place heavy items on the cable or power adapter. Do not modify or arbitrarily repair the power cords.

CAUTION

Do not use any power cords or adapters other than those provided with this product! Use of power cords or adapters other than those provided with this product may cause fire, electric shock or malfunction. The individual components can be destroyed if the polarity is reversed or an incorrect connection is used. A goodwill replacement is not possible in such cases, since each device is submitted to meticulous quality inspections prior to shipping. The connecting plugs must be attached in such a way that the connector is held firmly. Have trained technical personnel install the electrical facilities necessary for mounting. Connect the power cord to a grounded outlet. Never cut or damage the power cord.

Please disconnect the device from the power outlet in the following cases:

1. The device is out of use for a lengthy period.

2. The device malfunctions or displays other unusual features, necessitating maintenance work.

3. During a thunderstorm.

Please plan the positioning of the power outlet and the source cables before proceeding with the structural measures and positioning of the Séura Television Mirror.

AVERTISSEMENT

N'utilisez pas de cordons d'alimentation ou des adaptateurs autres que ceux fournis avec ce produit! L'utilisation de cordons d'alimentation ou des adaptateurs autres que ceux fournis avec ce produit peut causer un incendie , un choc électrique ou un dysfonctionnement. Les composants individuels peuvent être détruits si la polarité est inversée ou une connexion incorrecte est utilisée. Un remplacement de l'écart d'acquisition n'est pas possible dans ce cas, étant donné que chaque appareil est soumis à des contrôles de qualité minutieux avant l'expédition. Les prises de raccordement doivent être fixés de manière à ce que le connecteur est fermement maintenu. Personnel technique ont été formés installent les installations électriques nécessaires pour le montage. Branchez le cordon d'alimentation à une fuite à la terre à la terre de prise protégée. Ne jamais couper ou endommager le cordon d'alimentation.

S'il vous plaît débrancher l'appareil de la prise de courant dans les cas suivants:

1. L'appareil est hors d'usage pendant une longue période.

2. Les dysfonctionnements de l'appareil ou d'autres caractéristiques inhabituelles affiche , nécessitant des travaux d'entretien.

3. Lors d'un orage.

S'il vous plaît planifier le positionnement de la prise de courant et les câbles de la source avant de procéder à des mesures structurelles et le positionnement de la Télévision Séura.

NOTE

Make sure the power source circuits are properly grounded. Use the supplied power cord in order to connect it to the power source. If your installation requires a different power cord, be sure to use an officially approved power cord displaying the mark of the safety agency that conforms to the regulations for power cords in your country. Please consider that the AC outlet for the power adapter is placed within reach of the Séura Television Mirror and should be easily accessible in case it needs to be powered off.

Install the unit in an environment where the operating ambient temperature will not exceed 49°C / 120°F. Ensure that your installation complies with your national and local safety rules. Any servicing, adjustment, maintenance or repair must be performed only by service-trained personnel.

Ensure the power outlet is installed in an accessible location, to access it easily in case of a defect.

Lighting and Performance

The environment in which the mirror display is installed will affect the product performance. The key factors to consider for proper installation are surroundings and ambient light. Use the following guidelines to maximize the performance of the Séura product:

Type of Lighting

Avoid direct natural sunlight and excessive fluorescent lighting. These conditions will diminish the television brightness and hinder its performance.

Light Direction

Avoid directing light toward the mirror. Position lights such that they illuminate objects in the room, not the mirror itself. For example, lights on the wall next to the mirror are more favorable than lighting located on the ceiling in the center of the room.

Background Colors

Sidewalls and furnishings that are dark, uniform, and non-reflective will provide better performance of the display. Bright colors, patterns, and contrasting colors will minimize the quality of the display.

DO

DO use ambient or indirect lighting that illuminates the room, not the Mirror Display.

DO

DO use shades or window treatments to block outdoor light that would interfere with picture performance.

DO NOT

DO NOT position lighting directly on the Mirror Display. This will wash out the picture and hinder the product's performance.

DO NOT

DO NOT position the product opposite bright, untreated windows. Natural lighting will interfere with picture performance.

Installation Instructions

Installation Environment

Avoid direct light or sun exposure, direct proximity to heat sources. Do not place any heat sources such as radiators and heat registers, etc. near the monitor. To reduce eye strain, avoid installing the Séura Television Mirror against a bright background such as a window. Position the monitor at the height of your eye level. Position the monitor directly in front of you at a comfortable viewing distance.

Séura's Television Mirror may be mounted using a standard VESA pattern on the back of the unit. VESA wall mounts are sold separately.

42"	400 x 200 mm	M6
47"	400 x 200 mm	M6
55"	400 x 400 mm	M6
65"	400 x 400 mm	M6

Séura's Television Mirrors typically weigh between 63 lbs and 168 lbs (fluctuates based on custom mirror size and frame type). Verify that the wall or mounting surface can support the necessary hardware and weight of the television mirror.

Clearance of 1-1/4" is required on the top, sides, and bottom of the product.

Power Input: 100-240 VAC, 50/60 Hz

1. Verify that all cables and power supply are correctly prepared and located for the installation of the Television Mirror.

2. Install VESA Wall Mount according to the manufacturer's specifications.

3. Make necessary power and input/output connections. Verify the remote functions correctly.

4. Install the Television Mirror according to VESA Wall Mount manufacturer's instructions or Séura.

Care and Maintenance

Please follow the guidelines listed for proper Television Mirror care and cleaning:

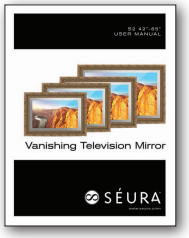
- The glass surface can be cleaned with any conventional non-ammoniated glass cleaner. Care should be taken to use only a soft lint-free cloth. Apply all cleaners directly to the cloth and not the glass surface. Never saturate the glass surface as residual cleaner may seep behind the glass.
- Stubborn spots can be removed with solvents such as mineral spirits, denatured alcohol, and acetone. Immediately remove solvent and dirt residues per the prescribed methods above with a compatible glass cleaner or water.

Setup

Before using the device please check the following contents of the box for completeness:

Television Mirror

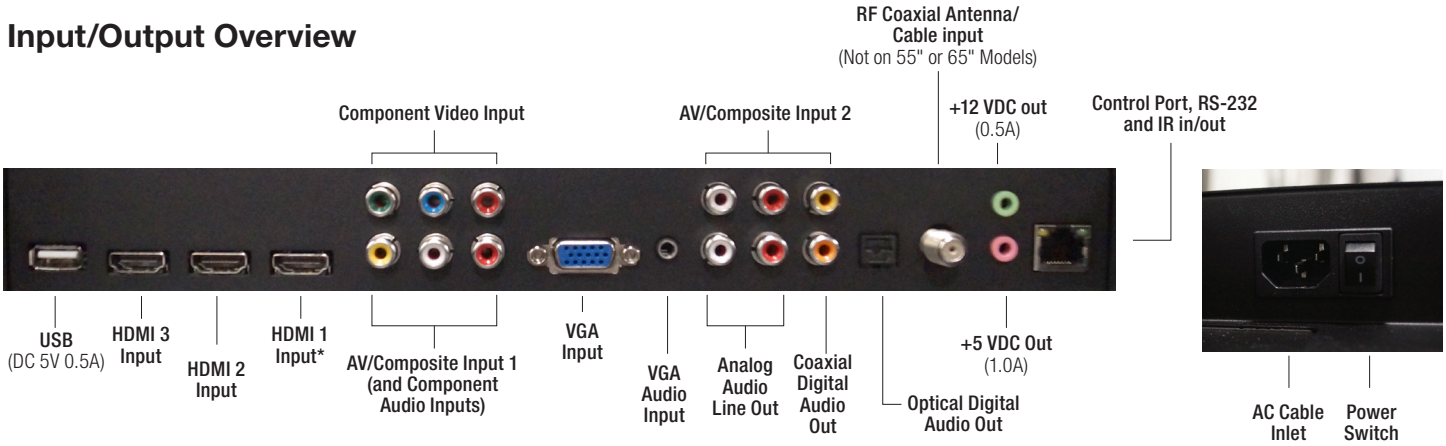
AC Cable



User Manual

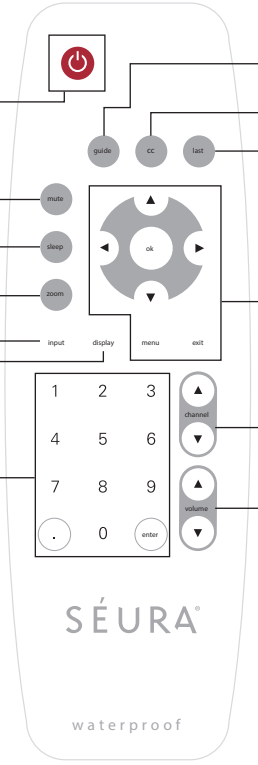
Waterproof IR Remote Control

Input/Output Overview


RF Coaxial Antenna/ Cable input (Not on 55" or 65" Models)
Component Video Input
AV/Composite Input 2
+12 VDC out (0.5A)
Control Port, RS-232 and IR in/out
USB (DC 5V 0.5A)
HDMI 3 Input
HDMI 2 Input
HDMI 1 Input*
AV/Composite Input 1 (and Component Audio Inputs)
VGA Input
VGA Audio Input
Analog Audio Line Out
Coaxial Digital Audio Out
Optical Digital Audio Out
+5 VDC Out (1.0A)
AC Cable Inlet
Power Switch

*HDMI 1 supports ARC (Audio Return Channel)

Remote Functions



Power On / Off

"Mute" turns on or off all audio output

"Sleep" designates power off after a specified time

"Zoom" configures ratio and appearance of picture

"Input" designates displaying content source

"Display" displays input and resolution information

Numerical selection for channels and settings

"Guide" displays available EPG (Electronic Program Guide) when using tuner input

"CC" turns on/off subtitles

"Last" recalls last channel viewed

Menu Controls

Press "Menu" to launch On Screen Display menu

Use arrows and "Ok" to navigate menu and make selections

Press "exit" to close the On Screen Display menu

Use Channel arrows to increase or decrease channel selection

Use Volume arrows to increase or decrease volume level

Connecting Video

The Television Mirror features one Component, two Composites, one VGA, one USB, one RF Input for Antenna or Cable, and three HDMI inputs. We recommend using the HDMI inputs for best video and sound quality.

Note: 55" and 65" models do NOT have Antenna inputs.

Connecting a USB Media Source

Connect an external USB media source to the USB socket to display photos, play music or install a software update.

In order to have access to the USB port after installation we recommend installing a USB extension cable.

The +12VDC (green) and +5VDC (pink) output jacks are used to power Baluns and Extenders.

Connecting a Home Automation System

With the RS-232 interface (RJ45 female) you can connect a serial cable for communication with a home automation system, PC, etc. The baud rate is 9600.

This jack also has IR in and out, with or without carrier

On Screen Display Menu (OSD)

On Screen Display Menu (OSD)

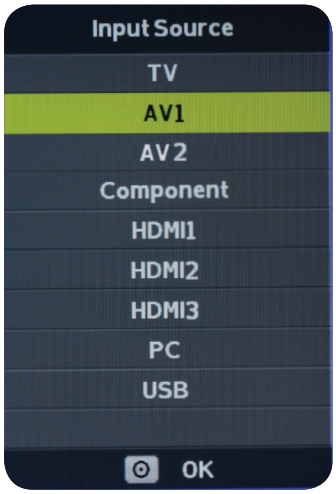
In the on screen display menu (OSD) you can adapt the characteristics of your display based on personal preferences.
OSD menus include **Video, Audio, TV, Setup, and Parental.**

1. Press (menu) on your remote control to open the OSD menu.
2. Navigate within the OSD with (◄) (►) (▲) (▼)
3. Change settings with (◄) (►)
4. Go back one step with (menu)
5. Confirm selection with (ok)
6. Press (exit) to exit the OSD menu.

Input Source Selection

In the Input Source menu, you may select from the available input sources.

1. Press (⏻) to power the Television Mirror on
2. Press (input) to display the Input Source list
3. Press (▲) or (▼) until the desired Input Source is highlighted.
4. Press (ok) to confirm selection of the chosen input and clear the Input Source list from the screen or press (input) again to switch through the signal inputs.
5. Press (exit) to close the Input Source list without selecting an alternative source.



Channel Settings

The Channel Settings menu offers options to set up and adjust viewing preferences.

Adjustment options include:

Air/Cable

Auto Scan

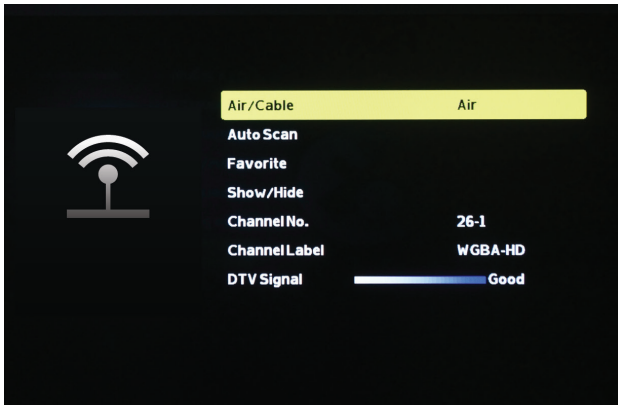
Favorite

Show/Hide

Channel No.

Channel Label

DTV Signal



Picture Settings

The Picture Settings menu offers options to enhance and refine the image characteristics of your Séura Television Mirror. These settings are based on ambient conditions of illumination and personal preferences.

Adjustment options include:

Picture Mode

Contrast

Brightness

Sharpness

Tint

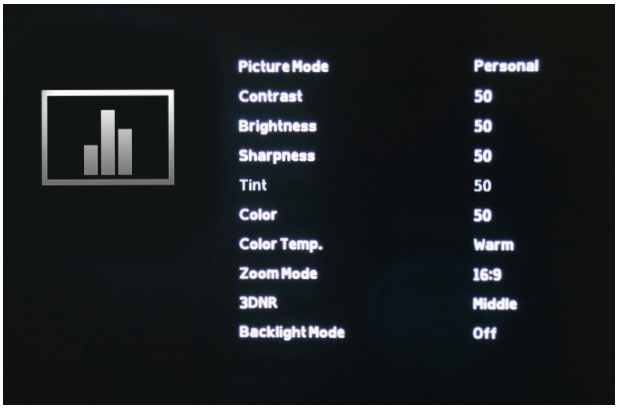
Color

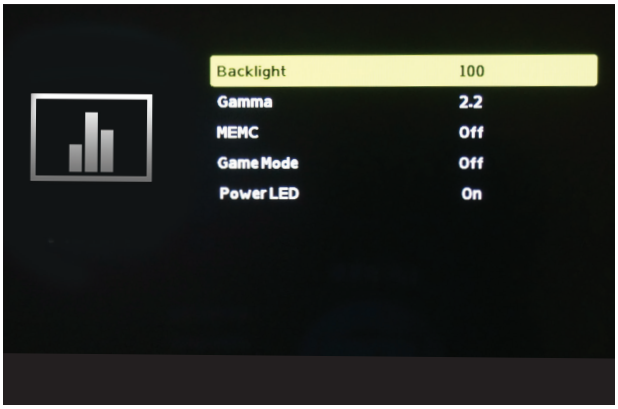
Color Temp.

Zoom Mode

3DNR

Backlight Mode





BACKLIGHT BRIGHTNESS MENU

Within the **Backlight Brightness** menu adjustment options include:

Gamma
MEMC
Game Mode
Power LED

COLOR TEMPERATURES

Within the **Color Temperature** menu you can customize the image display according to your preferences.

Your options: **Standard, Warm, User, Cool**

Audio Settings

The Audio Settings menu offers options to enhance and refine the sound characteristics of your Séura Television Mirror based on personal preferences.

Adjustment options include:

Equalizer

120 Hz

500 Hz

1.5 KHz

5KHz

10KHz

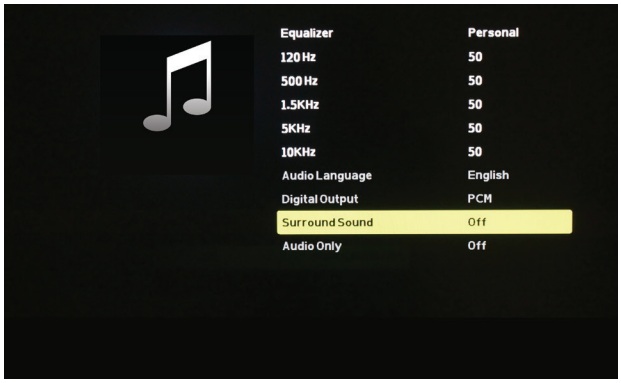
MTS

Audio Language

Digital Output

Surround Sound

Audio Only (Screen off)



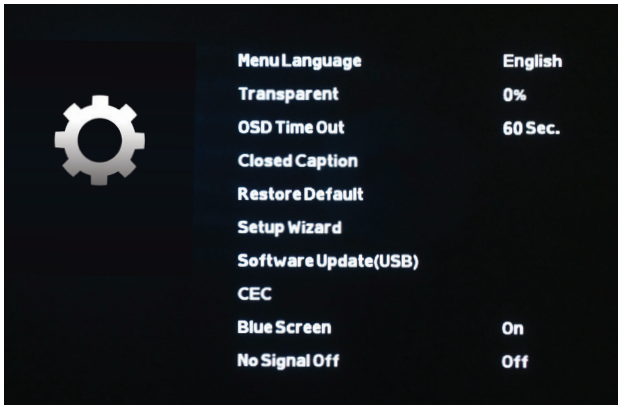
OSD (cont.)

Setup Menu

The Setup Menu offers options to determine fundamental settings of your Séura Television Mirror based on personal preferences.

Adjustment options include:

Menu/Language
Transparent
OSD Time Out
Closed Caption
Restore Default
Setup Wizard
Software Update (USB)
CEC
Blue Screen
No Signal Off



TIME SETUP

Options within the Time Setup selection include **Time Zone, Time, and Sleep Timer.**

TIME ZONE

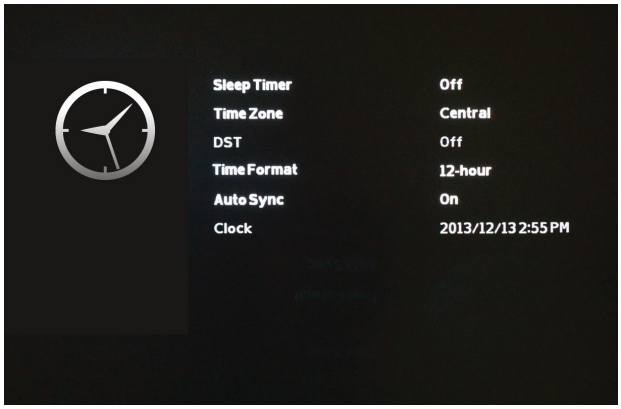
The local time zone may be selected from a drop down menu.

SLEEP TIMER

Within the **Sleep Timer** menu you can determine a timespan after which the Séura Television Mirror will turn off automatically.

Your options: **Off, 10, 20, 30, 40, 50, 60, 90, 120 minutes**

The Sleep Timer can also be activated and deactivated directly with sleep on the remote control.



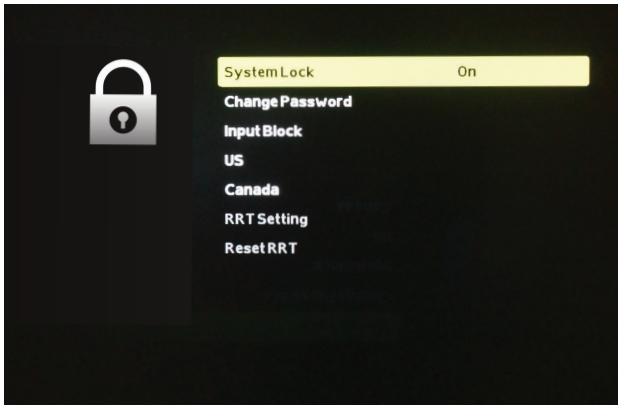
Parental Menu

The Parental Menu offers options to restrict program viewing based on various national rating systems.

To access the menu, enter the 4-digit Password using the keypad on the remote. The factory default password is “0000”.

Adjustment options include:

System Lock
Change Password
Input Block
US
Canada
RRT Setting
Reset RRT



RS-232 Control

Settings Table

Models: 42.S2, 47.S2, 55.S2, 65.S2

Baud Rate	9600 bps
Data Length	8 bits
Parity Bit	None
Start Bit	1
Stop Bit	1
Flow Control	None

All COMMANDS and ACKNOWLEDGEMENTS begin with start text (STX) 0x02 and finish with end text (ETX) 0x03. **Any data not contained between the STX and ETX commands will be ignored by the TV.** *STX and ETX must be sent as hex commands; all other data must be sent as ASCII characters.*

Optional ID Number: Each TV will have the option in the Factory Menu of setting a Unit ID Number. The ID number may be set on the TV in the Service Menu. ID number 000 sends to all devices (global command). Contact Séura Customer Service for instructions on accessing the Service Menu at 800-957-3872 or contacts@seura.com

FUNCTION	COMMAND (Text)									ACKNOWLEDGEMENT (Response Text)
	STX								ETX	
POWER OFF	0x02	P	W	D	:	0			0x03	0x02 OK 0x03
POWER ON	0x02	P	W	D	:	1			0x03	0x02 OK 0x03
POWER TOGGLE	0x02	P	W	D	:	3			0x03	0x02 OK 0x03
GET POWER STATUS	0x02	P	W	D	:	?			0x03	0x02 0 0x03 (OFF) 0x02 1 0x03 (ON)
GAME MODE OFF	0x02	G	A	M	:	0			0x03	0x02 OK 0x03
GAME MODE ON	0x02	G	A	M	:	1			0x03	0x02 OK 0x03
DIGIT 1	0x02	K	E	Y	:	1			0x03	0x02 OK 0x03
DIGIT 2	0x02	K	E	Y	:	2			0x03	0x02 OK 0x03
DIGIT 3	0x02	K	E	Y	:	3			0x03	0x02 OK 0x03
DIGIT 4	0x02	K	E	Y	:	4			0x03	0x02 OK 0x03
DIGIT 5	0x02	K	E	Y	:	5			0x03	0x02 OK 0x03
DIGIT 6	0x02	K	E	Y	:	6			0x03	0x02 OK 0x03
DIGIT 7	0x02	K	E	Y	:	7			0x03	0x02 OK 0x03
DIGIT 8	0x02	K	E	Y	:	8			0x03	0x02 OK 0x03
DIGIT 9	0x02	K	E	Y	:	9			0x03	0x02 OK 0x03
DIGIT 0	0x02	K	E	Y	:	0			0x03	0x02 OK 0x03
DIGIT . (dot)	0x02	K	E	Y	:	1	0	4	0x03	0x02 OK 0x03
ENTER	0x02	K	E	Y	:	3	6		0x03	0x02 OK 0x03
ARROW UP	0x02	K	E	Y	:	2	5		0x03	0x02 OK 0x03
ARROW DOWN	0x02	K	E	Y	:	2	6		0x03	0x02 OK 0x03
ARROW LEFT	0x02	K	E	Y	:	2	4		0x03	0x02 OK 0x03
ARROW RIGHT	0x02	K	E	Y	:	2	3		0x03	0x02 OK 0x03
OK	0x02	K	E	Y	:	3	7		0x03	0x02 OK 0x03
MENU (TOGGLE)	0x02	K	E	Y	:	2	1		0x03	0x02 OK 0x03
DISPLAY (TOGGLE)	0x02	K	E	Y	:	2	2		0x03	0x02 OK 0x03
SLEEP	0x02	K	E	Y	:	1	1		0x03	0x02 OK 0x03
CC	0x02	K	E	Y	:	1	2		0x03	0x02 OK 0x03
VOLUME UP	0x02	K	E	Y	:	2	3		0x03	0x02 OK 0x03
VOLUME DOWN	0x02	K	E	Y	:	2	4		0x03	0x02 OK 0x03
SET VOLUME LEVEL	0x02	V	O	L	:	x	x	x	0x03	0x02 OK 0x03 (xxx= Volume value 000-100)
GET VOLUME LEVEL	0x02	V	O	L	:	?			0x03	0x02 xxx 0x03
MUTE ON	0x02	M	U	T	:	1			0x03	0x02 OK 0x03
MUTE OFF	0x02	M	U	T	:	0			0x03	0x02 OK 0x03
GET MUTE STATUS	0x02	M	U	T	:	?			0x03	0x02 1 0x03 = ON 0x02 0 0x03 = OFF
CHANNEL UP	0x02	K	E	Y	:	2	5		0x03	0x02 OK 0x03
CHANNEL DOWN	0x02	K	E	Y	:	2	6		0x03	0x02 OK 0x03
PREVIOUS CHANNEL	0x02	K	E	Y	:	3	5		0x03	0x02 OK 0x03
SET CHANNEL	0x02	C	H	A	:	x	x	x	0x03	0x02 OK 0x03 (xxx= Channel Number)
GET CHANNEL	0x02	C	H	A	:	?			0x03	0x02 xxx 0x03
GUIDE (TOGGLE)	0x02	K	E	Y	:	1	0	5	0x03	0x02 OK 0x03
PLAY	0x02	K	E	Y	:	1	1	5	0x03	0x02 OK 0x03
PAUSE	0x02	K	E	Y	:	1	1	6	0x03	0x02 OK 0x03

FUNCTION	COMMAND (Text)									ACKNOWLEDGEMENT (Response Text)
STOP	0x02	K	E	Y	:	1	1	7	0x03	0x02 OK 0x03
SKIP FORWARD / CHAPTER +	0x02	K	E	Y	:	1	1	8	0x03	0x02 OK 0x03
SKIP BACKWARD / CHAPTER -	0x02	K	E	Y	:	1	9		0x03	0x02 OK 0x03
FAST FORWARD	0x02	K	E	Y	:	1	0	9	0x03	0x02 OK 0x03
FAST BACKWARD	0x02	K	E	Y	:	1	1	2	0x03	0x02 OK 0x03
EXIT	0x02	K	E	Y	:	1	1	0	0x03	0x02 OK 0x03
RED	0x02	K	E	Y	:	3	2		0x03	0x02 OK 0x03
GREEN	0x02	K	E	Y	:	1	1	4	0x03	0x02 OK 0x03
YELLOW	0x02	K	E	Y	:	1	1	1	0x03	0x02 OK 0x03
BLUE	0x02	K	E	Y	:	1	1	3	0x03	0x02 OK 0x03
INPUT HDMI 1	0x02	I	N	P	:	1			0x03	0x02 OK 0x03
INPUT HDMI 2	0x02	I	N	P	:	6			0x03	0x02 OK 0x03
INPUT HDMI 3	0x02	I	N	P	:	9			0x03	0x02 OK 0x03
INPUT COMPONENT	0x02	I	N	P	:	7			0x03	0x02 OK 0x03
INPUT USB / DMP	0x02	I	N	P	:	1	2		0x03	0x02 OK 0x03
INPUT VGA	0x02	I	N	P	:	0			0x03	0x02 OK 0x03
INPUT AV 1	0x02	I	N	P	:	3			0x03	0x02 OK 0x03
INPUT AV 2	0x02	I	N	P	:	4			0x03	0x02 OK 0x03
INPUT TUNER	0x02	I	N	P	:	2			0x03	0x02 OK 0x03
INPUT SELECT MENU (TOGGLE)	0x02	K	E	Y	:	3	8		0x03	0x02 OK 0x03
GET INPUT STATUS	0x02	I	N	P	:	?			0x03	0x02 OK 0x03
ASPECT 16:9	0x02	F	O	R	:	1			0x03	0x02 OK 0x03
ASPECT 4:3	0x02	F	O	R	:	0			0x03	0x02 OK 0x03
ASPECT ZOOM	0x02	F	O	R	:	3			0x03	0x02 OK 0x03
ASPECT JUST SCAN (1:1)	0x02	F	O	R	:	5			0x03	0x02 OK 0x03
SCREEN OFF (AUDIO ONLY)	0x02	F	O	R	:	6			0x03	0x02 OK 0x03
GET ASPECT STATUS	0x02	F	O	R	:	?			0x03	0x02 X 0x03 (x= Aspect 0-6)
PICTURE MODE STANDARD	0x02	K	E	Y	:	2	7		0x03	0x02 OK 0x03
PICTURE MODE DYNAMIC	0x02	K	E	Y	:	2	8		0x03	0x02 OK 0x03
PICTURE MODE THEATER	0x02	K	E	Y	:	2	9		0x03	0x02 OK 0x03
PICTURE MODE PERSONAL	0x02	K	E	Y	:	3	0		0x03	0x02 OK 0x03
COLOR TEMP WARM	0x02	T	E	M	:	0			0x03	0x02 OK 0x03
COLOR TEMP NORMAL	0x02	T	E	M	:	1			0x03	0x02 OK 0x03
COLOR TEMP COOL	0x02	T	E	M	:	2			0x03	0x02 OK 0x03
GET COLOR TEMP	0x02	T	E	M	:	?			0x03	0x02 0 0x03 (WARM) / 0x02 1 0x03 (NORMAL) / 0x02 2 0x03 (COOL)
BRIGHTNESS +	0x02	B	R	T	:	+			0x03	
BRIGHTNESS -	0x02	B	R	T	:	-			0x03	
SET BRIGHTNESS LEVEL	0x02	B	R	T	:	x	x	x	0x03	
GET BRIGHTNESS LEVEL	0x02	B	R	T	:	?			0x03	0x02 xxx 0x03 (xxx= Brightness 000-100)
CONTRAST +	0x02	C	O	N	:	+			0x03	
CONTRAST -	0x02	C	O	N	:	-			0x03	
SET CONTRAST LEVEL	0x02	C	O	N	:	x	x	x	0x03	
GET CONTRAST LEVEL	0x02	C	O	N	:	?			0x03	0x02 xxx 0x03 (xxx= Contrast 000-100)
SATURATION +	0x02	S	A	T	:	+			0x03	
SATURATION -	0x02	S	A	T	:	-			0x03	
SET SATURATION LEVEL	0x02	S	A	T	:	x	x	x	0x03	
GET SATURATION LEVEL	0x02	S	A	T	:	?			0x03	0x02 xxx 0x03 (xxx= Saturation 000-100)
SHARPNESS +	0x02	S	H	A	:	+			0x03	
SHARPNESS -	0x02	S	H	A	:	-			0x03	
SET SHARPNESS LEVEL	0x02	S	H	A	:	x	x	x	0x03	
GET SHARPNESS LEVEL	0x02	S	H	A	:	?			0x03	0x02 xxx 0x03 (xxx= Sharpness 000-100)
BACKLIGHT DAY	0x02	B	L	T	:	0			0x03	
BACKLIGHT NIGHT	0x02	B	L	T	:	1			0x03	
BACKLIGHT AUTO	0x02	B	L	T	:	2			0x03	
GET BACKLIGHT LEVEL	0x02	B	L	T	:	?			0x03	0x02 x 0x03 (x= Day 0, Night, 1, Auto 2)

IR Commands

Remote Hexadecimal Codes

Power Toggle
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 06A0

Menu
0000 006B 0000 0020 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0768 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 0048 000A 0048 000A 0048 000A 0048 000A 0048 000A 001F 000A 0048 000A 0048 000A 001F 000A 0048 000A 0654

Input
0000 006C 0000 0020 000A 0047 000A 001E 000A 001E 000A 001E 000A 001E 000A 001E 000A 001E 000A 0047 000A 001E 000A 001E 000A 001E 000A 0047 000A 001E 000A 0047 000A 0047 000A 001E 000A 06D2 000A 0047 000A 001E 000A 001E 000A 001E 000A 001E 000A 0047 0009 0047 000A 001E 0009 0047 000A 0047 000A 001E 000A 0047 000A 001E 000A 001E 000A 0047 000A 06D2

Display
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 06D4 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06C7

Exit
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0685 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 071A

Up
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 06C8 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 06F6

Down
0000 006B 0000 0020 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 001F 000A 0048 000A 001F 000A 0048 000A 001F 000A 0048 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0047 000A 001F 000A 0047 000A 06A4

Left
0000 006B 0000 0020 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 001F 000A 0048 000A 001F 000A 0048 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0047 000A 001F 000A 0047 000A 06A4

Right
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 06A0 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 071B

Enter
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 0047 000A 001F 000A 0048 000A 0048 000A 0047 000A 0048 000A 0048 000A 001F 000A 0678 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 074E

Sleep
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 06FC 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 059B

Zoom
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0048 000A 0048 000A 001F 000A 0740 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 0048 000A 0047 000A 0048 000A 0047 000A 001F 000A 0048 000A 001F 000A 001F 000A 0047 000A 068B

EPG
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 06C8 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 06EE

Mute
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 06D4 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 06C9

ch+
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 067E

ch-
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 001F 000A 0740 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0048 000A 0048 000A 001F 000A 0048 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 0048 000A 001F 000A 0047 000A 0683

Prev CH
0000 006C 0000 0020 000A 0047 000A 001E 000A 001E 000A 001E 000A 001E 000A 0047 0009 0047 000A 001E 000A 001E 000A 001E 000A 0047 000A 001E 000A 0047 0009 0047 000A 001E 000A 06D2 0009 0047 000A 001E 000A 001E 000A 001E 000A 001E 000A 001E 000A 001E 000A 0047 0009 0047 000A 0047 000A 001E 000A 0047 000A 001E 000A 001E 000A 0047 000A 06D2

cc
0000 006C 0000 0020 0009 0047 000A 001E 000A 001E 000A 001E 000A 001E 000A 001E 000A 0047 000A 001E 000A 001E 000A 001E 0009 0047 000A 001E 0009 0047 000A 0047 000A 001E 000A 06BD 000A 0047 000A 001E 000A 001E 000A 001E 000A 001E 000A 0047 000A 001E 000A 001E 000A 0047 0009 0047 000A 0047 000A 001E 0009 0047 000A 001E 000A 001E 000A 0047 000A 06BD

vol+
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vol-
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06A8

1
0000 006C 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 074A 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 0652

2
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0768 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 0651

3
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0723 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 067D

4
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0768 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 054F

5
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 067E

6
0000 006C 0000 0020 0009 0047 0009 001E 0009 001E 0009 001E 0009 001E 0009 001E 0008 0047 0009 0047 0009 001E 0009 001E 0009 001E 0009 001E 0009 001E 0008 0047 0009 001E 0009 0713 0009 0047 0009 001E 0009 001E 0009 001E 0009 001E 0009 001E 0008 0047 0009 001E 0009 001E 0008 0047 0009 0047 0008 0047 0009 0047 0009 0047 0009 001E 0009 0047 0009 067C

7
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0718 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06A6

8
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0768 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0048 000A 0047 000A 001F 000A 0047 000A 0047 000A 0048 000A 0047 000A 001F 000A 0048 000A 065B

9
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 067E

0
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0740 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 0678

. (Dot)
0000 006C 0000 0020 000A 0046 000A 001E 000B 001E 000A 001E 000B 0047 000A 001E 000B 0046 000A 001E 000B 0046 000A 0046 000A 0046 000B 001E 000A 001E 000B 0046 000B 001D 000B 06A5 000B 0046 000B 001E 000A 001E 000A 001E 000A 0046 000B 0046 000A 001E 000B 0046 000A 001F 000A 001E 000A 001E 000A 0046 000A 0046 000A 001E 000A 0045 000A 0696

Enter
0000 006B 0000 0020 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 0047 000A 001F 000A 0047 000A 001F 000A 001F 000A 001F 000A 06FC 000A 0047 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 001F 000A 0047 000A 001F 000A 0047 000A 0047 000A 0047 000A 0047 000A 001F 000A 0047 000A 06A1

Discrete Remote Hexadecimal Codes

Power On(only)
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 0047 000a 068b

Power Off(only)
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 0047 000a 0047 000a 0047 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 0047 000a 068b

AV (INPUT 1)
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 0047 000a 068b

USB (INPUT 2)
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 0047 000a 068b

COMPONENT (INPUT 3)
0000 006d 0000 0020 000a 001e 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 068b 000a 001e 000a 0047 000a 0047 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 068b

VGA (INPUT 4)
0000 006d 0000 0020 000a 001e 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 068b 000a 001e 000a 0047 000a 0047 000a 0047 000a 0047 000a 001e 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 068b

HDMI (INPUT 5)
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 068b

ANT
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 068b

HDMI 2
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 068b

HDMI 3
0000 006D 0000 0020 000A 0049 000A 0021 000A 0021 000A 0021 000A 0049 000A 0049 000A 0021 000A 0049 000A 0021 000A 0049 000A 0021 000A 0021 000A 0049 000A 0049 000A 0021 000A 0680 000A 0049 000A 0021 000A 0021 000A 0021 000A 0049 000A 0021 000A 0049 000A 0021 000A 0049 000A 0021 000A 0049 000A 0049 000A 0021 000A 0021 000A 0049 000A 0680

AV2
0000 006d 0000 0020 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 001e 000a 068b 000a 0047 000a 001e 000a 001e 000a 001e 000a 001e 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 0047 000a 001e 000a 001e 000a 0047 000a 0047 000a 001e 000a 0047 000a 068b

Download these codes at http://www.seura.com/download-center

Troubleshooting

If the product is not working properly, please check the following troubleshooting hints before you contact customer service:

Symptoms	Possible Solution
Blank screen	Check the status LED. If the status LED is red, the Television Mirror is in standby and the monitor is black, this is normal. If the status LED is blue and the monitor is black, the Television Mirror might perform an input scan with no available signal. Please check if an input source is available and that the port of the device has been connected correctly in the Service Settings/ Input Ports menu. Press “Menu” on your remote control: you should see the OSD menu. Check your settings for misconfigurations and adjust accordingly. Alternatively, perform a factory reset to restore the Television Mirror to its default settings. If the problem still exists contact customer service.
Color defects	Check that the signal cable connector is properly connected and that the connection pins are not bent or damaged.
The image is unsatisfactory	Adjust the picture characteristics as described in the above-mentioned section “Video Settings”. Image is not stable Check that the display resolution and frequency from your media source is compatible with the Television Mirror.
Error message: “No Signal”	Check that the connected media sources are switched on. Check that the signal cable connector is properly connected and that the connection pins are not bent or damaged. Press “Menu” on your remote control: you should see the OSD menu. Check your settings for misconfigurations and adjust accordingly. Alternatively, perform a factory reset to restore the Television Mirror to its default settings. If the problem still exists contact customer service.
Low or no sound	Press “Volume Up” and/or “Volume Down” on your remote control and check the audio connection cable(s). Make sure that the Volume Limit setting in the Service Settings menu has been set to an audible value.
Remote control doesn’t work	Replace the batteries of the remote control.

If you need further assistance, please contact Séura at contacts@seura.com or call 1-800-957-3872 weekdays 8:00 am - 4:30 pm CST.

Technical Features

Features	42"	47"	55"	65"
Display Backlight	TFT Thin Film Transistor | LED Backlight			
Active Screen Area W x H	36.62" x 20.6"	40.93" x 23.0"	47.62" x 26.79"	55.5" x 31.45"
Total Weight (standard mirror size, no frame)	63 lbs	72 lbs	96 lbs	123 lbs
TV Weight (electronics only)	42 lbs	47 lbs	64 lbs	84 lbs
Diagonal	42"	47"	55"	65"
Picture Format	16:9	16:9	16:9	16:9
Physical Resolution	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160
Viewing Angle	Horizontal Typical (Total) 178° (Left: 89° / Right: 89°) Vertical Typical (Total) 178° (Up: 89° / Down: 89°)	Horizontal Typical (Total) 178° (Left: 89° / Right: 89°) Vertical Typical (Total) 178° (Up: 89° / Down: 89°)	Horizontal Typical (Total) 178° (Left: 89° / Right: 89°) Vertical Typical (Total) 178° (Up: 89° / Down: 89°)	Horizontal Typical (Total) 178° (Left: 89° / Right: 89°) Vertical Typical (Total) 178° (Up: 89° / Down: 89°)
Brightness	450 cd/m2	450 cd/m2	450 cd/m2	450 cd/m2
Contrast	Typical 4000:1	Typical 4000:1	Typical 5000:1	Typical 5000:1
Response Time	8ms	6.5ms	6ms	6ms
Power Consumption	105 W	115 W	125 W	180 W
Operating Temperature	50° to 104° Fahrenheit			
Humidity	20 - 80% RH, Non-Condensing			
Certification	FCC, MET			

NOTE: Above specification may be changed without prior notification for quality improvement.

Ports and Media Support

Ports

Input Ports	Line Audio Input	4 x RCA terminal, red, white
	Composite Video Input	2 x RCA terminal, yellow
	Component Video Input	3 x RCA terminal, red, green, blue
	HDMI Inputs	3 x HDMI Type A
	USB Input	1 x USB Type A
	PC Video Input	1 x D-Sub 15 female
	PC Audio Input	1 x 3.5mm jack
	RF Input	1 x F-Type, male
	RS-232/IR in/out	1 x RJ45 jack, female
Output Ports	Audio Line Out	Analog: 2 x RCA jacks, red, white.
	Digital Line Out	1 x RCA jack coaxial, orange, 1 x optical SPDIF
Video	HDMI™	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Component (YPbPr / YCbCr)	480i, 480p, 576i, 576p, 720p, 1080i, 1080p

Special Features

Multimedia Player	USB
Software Update	USB
Signal Scan	Yes
RS-232	Yes
Noise Reduction	3D

USB Media Support

USB Media Support	File Extension	Video	Audio
Music	.mp3	--	MP3
	.wma	--	WMA
	.m4a / .aac	--	AAC
Photo	.jpg / .jpeg	Progressive JPG	
		Baseline JPEG	
	.bmp	BMP	
	.png	Non-Interlaced	
		Interlaced	

NOTE: Above specification may be changed without prior notification for quality improvement.

Product Limited Warranty

If a Séura, Inc. ("Séura") product (the "Product") fails to work or operate properly because of a defect in materials or workmanship, Séura will, for the length of the period indicated below (starting on the date of the Product's purchase receipt for the Product), at its option, either (a) repair the Product with new or refurbished parts, including Séura's labor if applicable; or (b) replace the Product with a new or refurbished product. The decision to repair or replace the Product shall be in Séura's sole discretion.

Séura warrants **Lighted Mirrors** with respect to Séura's Labor for three (3) years; Mirror, Glass, Structure, Frame, and Assembly for three (3) years; Electrical for three (3) years. Lamps are not warranted.

Séura warrants **TV Mirrors** with respect to Séura's Labor for three (3) years; Mirror, Glass, Structure, Frame, and Assembly for three (3) years; TV including remote and power supply for one (1) year.

Séura warrants **Lighted Mirror TVs** with respect to Séura's Labor for three (3) years; Mirror, Glass, Structure, Frame, and Assembly for three (3) years; TV including remote and power supply for one (1) year; Electrical excluding TV for three (3) years. Lamps are not warranted.

Séura warrants **Hydra Waterproof TVs** with respect to Séura's Labor for three (3) years; Mirror, Glass, Structure, Frame, and Assembly for three (3) years; TV including remote and power supply for one (1) year.

Séura warrants **Storm Outdoor TVs** with respect to Séura's Labor for two (2) years; Glass, Structure, Frame, and Assembly for two (2) years; TV including remote and power supply for one (1) year.

This Limited Warranty extends only to the original purchaser of a Product and only covers a Product purchased new. Séura reserves the right to require any warranty claimant to produce the original purchase receipt or other original purchase date proof as may be reasonably required by Séura to verify the Product's warranty eligibility.

1. **Exceptions to Warranty**: Séura does not warrant the Products against defects arising out of, related to, or caused by, whether totally or partially, and whether directly or indirectly, any of the following:

A. Cleaning and maintenance of, or failing to properly clean and maintain, any Product, part or component of a Product, including, but not limited to, filters, front bezel, and other Product areas or components;

B. A Product's extended use, including particularly, commercial applications, where a Product is operating on average more than six (6) hours per day on a permanent or extended periodic basis;

C. Circumstances, damage (including concealed damage) or other conditions occurring during shipment of a Product or at any time after a Product leaves Séura's facility;

D. Circumstances, damage or other conditions occurring during unpacking and/or removal of a Product from its original packaging, including the removal of protective material;

E. Circumstances, damage or other conditions occurring during transport of the Product to or from Séura before or after authorized service. Products must be packed properly using original packaging or Séura replacement or pre-authorized packaging. Customer assumes all risk, while in transit to or from Séura, and shall be responsible for any costs incurred in transporting the Product.

F. Improper, incorrect, or insufficient AC supply voltage to a Product;

G. Alterations, modifications or changes to a Product without Séura's prior written authorization;

H. The incorporation of a Product into or within a product of a third party, without Séura's prior written authorization;

I. A Product's misuse, neglect use, abuse, or improper operation, including the failure to follow a Product's normal and ordinary operating instructions;

J. The effects of fire, flood, lightning, electrical surges, water and other liquid infiltration, smoke, and other substances not intended to come into contact with a Product, including any such substances contact with a Product as the result of acts of God;

K. The improper or faulty installation, setup, or adjustment of a Product;

L. A Product's repair, attempted repair, or total or partial disassembly by any party other than a Séura authorized service representative;

M. When the product occurs with pixel errors within the specified and permitted area. For more information about this, inquire directly with Séura regarding the Séura Pixel Policy.

N. Corrosion that does not affect the performance of a Product or the reasonable cosmetic appearance of a Product; and

O. Scratches or other paint or finish damage to a Product that lead to or are caused by, in part or in total, corrosion.

2. **Warranty Disqualifiers.** This Limited Warranty does not apply, and Séura makes no warranties or representations, with respect to any Product being free from defects in materials or workmanship if the Product was purchased from a seller who is not authorized, by Séura, to sell Séura products, is owned by or is in possession of an individual or entity who is not the original purchaser of the Product, or if the Product's original Séura serial number has been removed, defaced, replaced, or otherwise tampered with in any manner.

3. **Limitation of Liability.** THE SPECIFIC TERMS OF THIS LIMITED WARRANTY ARE IN LIEU OF ALL OTHER WARRANTIES, ORAL, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR USE. SÉURA WILL NOT BE LIABLE FOR ANY LOSS, DAMAGE OR LIABILITY OR ANY DIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR MISUSE OF A PRODUCT, OR ARISING OUT OF ANY BREACH, BY THE PURCHASER OF A PRODUCT, OF THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON HOW LONG AN IMPLIED LIMITED WARRANTY LASTS, SO THE EXCLUSIONS MAY NOT APPLY TO A PARTICULAR PURCHASER. NOTWITHSTANDING ANYTHING CONTAINED IN THIS LIMITED WARRANTY TO THE CONTRARY, SÉURA'S MAXIMUM LIABILITY TO A PURCHASER RELATED TO ANY WARRANTY CLAIM OR ALLEGATION OF A DEFECT WITH RESPECT TO A PRODUCT SHALL NOT EXCEED THE THEN CURRENT SÉURA WHOLESALE PRICE OF THE SPECIFIC PRODUCT FROM WHICH THE WARRANTY CLAIM DERIVES.

NOTICE OF ANY WARRANTY CLAIM MUST BE RECEIVED BY SÉURA, IN WRITING, PRIOR TO THE EXPIRATION OF THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. THE PRODUCT WARRANTY APPLIES ONLY FOR THE PERIODS SET FORTH ABOVE.

4. **Warranty Procedure.** Prior to returning any Product to Séura, a warranty claimant must contact Séura at **920- 857-9069** to obtain a return goods authorization (RGA) number and, if applicable, specific return and shipping instructions. A Product will only be accepted for warranty claims if returned and shipped to Séura in the Product's original packaging materials. If original packaging is not available, please contact Séura to receive authorized replacement packaging. Packages not bearing the issued returned goods authorization (RGA) number will not be accepted by Séura and will be returned to sender. In addition to the Product, the package must include the warranty claimant's original sales receipt for the purchase of the Product. All Product returns shall be received by Séura, at **1230 Ontario Road; Green Bay, WI 54311** with freight prepaid by the warranty claimant. Séura shall not be responsible for, and the warranty claimant assumes and retains all such responsibility, any damage or loss to or of the Product during shipment to Séura as the result of a warranty claim.
5. **Exclusive Remedy**. This Limited Warranty sets forth the exclusive remedies of a warranty claimant with respect to allegations of a defective Product.

920-857-9069

Séura, Inc.
1230 Ontario Road
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t: 920.857.9069
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